

### Abstract of the Disclosure

Fuel processing systems, which contain a fuel processor, and feedstock treatment systems for use in the same. The fuel processor is configured to produce a hydrogen, or hydrogen-rich, stream from a feed stream, which may 5 include, for example, at least one carbon-containing feedstock and/or water. At least a portion of the feed stream is a vaporized feed stream. The fuel processing system further includes a treatment region configured to remove solids from at least the vaporized component of the feed stream prior to production of hydrogen gas from the feed stream. In some embodiments, a common housing at least 10 substantially encloses one or more regions of the fuel processing system, and in some embodiments one or more of those regions are accessible from external the common housing without disassembling that housing.